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Dated: OCT 22, 2003 Signature \_\_\_\_\_  
(Reza Mollaaghataba)

1752  
Docket No.: 101328-0151  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

OCT 29 2003

TC 1700

In re Patent Application of:  
Theodore H. Fedynyshyn

Confirmation No.: 4043

Application No.: 09/851,952

Art Unit: 1752

Filed: May 9, 2001

Examiner: A. Walke

For: RESIST WITH REDUCED LINE EDGE  
ROUGHNESS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR 1.97, Applicant(s) hereby make of record the following additional documents. A PTO Form SB/08 and a full copy of each of these documents accompany this statement.

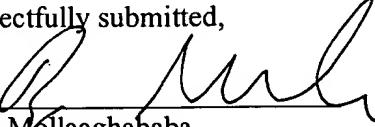
Applicant(s) have become aware of the following documents, cited in an International Search Report issued January 27, 2003, during the prosecution of international application no. PCT/US02/14671, which corresponds to the above referenced application, and in accordance with 37 CFR 1.97(c) and (e)(1) or (b)(3), hereby submit(s) these documents for the Examiner's consideration. These documents are cited on the enclosed PTO Form SB/08, and a copy of the International Search Report and each document cited thereon are enclosed as well.

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicant(s) understand(s) the Examiner will make an independent evaluation of the cited documents.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 101328-0151. A duplicate copy of this paper is enclosed.

Dated: Oct. 22, 2003

Respectfully submitted,

By 

Reza Mollaaghatababa

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PTO/SB/08a/b (06-03)

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Substitute for form 1449A/B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet <b>1</b> of <b>1</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/851,952-Conf. #4043
				Filing Date	May 9, 2001
				First Named Inventor	Theodore H. Fedynyshyn
				Art Unit	1752
				Examiner Name	A. Walke
				Attorney Docket Number	101328-0151

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> ( <i>if known</i> )			
AA		US-6,063,542	05-16-2000	Hyeon et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <i>if known</i> )				
BA		EP-0 628 876-A1	12-14-1994	International Business Machines Corporation		
BB		EP-0 789 279-A1	08-13-1997	Wako Pure Chemical Industries, Ltd.		
BC		EP-0 932 082-A2	07-28-1999	International Business Machines Corporation		
BD		JP-2000-191732-A1	07-11-2000	Samsung Electronics Co., Ltd.		
BE		JP-2000-267287-A1	09-29-2000	Fuji Photo Film Co., Ltd.		
BF		DE-4 207 261-A1	09-09-1993	Hoechst AG		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
	CA	Reynolds, Geoffrey W., "Factors contributing to sidewall roughness in a positive-tone, chemically amplified resist exposed by x-ray lithography," J. Vac. Sci. Technol. B 17(2) (March/April 1999) pp. 334-344.				
	CB	Database WPI, Section Ch, Week 199809, Derwent Publications Ltd., London, GB; Class A89, AN 1998-096984, XP-002192927 & JP 09 325473 A (Nippon Gosei Gomu KK), 16 December 1997 (1997-12-16)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/851,952-Conf. #4043
		Filing Date	May 9, 2001
		First Named Inventor	Theodore H. Fedynyshyn
		Art Unit	1752
		Examiner Name	A. Walke
Total Number of Pages in This Submission	1	Attorney Docket Number	101328-0151

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Copies of International Search Report and 9 Cited References Return Postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> Suppl. Information Disclosure Statement, IDS Citation	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	NUTTER MCCLENNEN & FISH LLP Reza Mollaaghababa
Signature	
Date	Oct. 22, 2003

### Transmittal

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